Index of Claims

| App | lication | No. |
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|-----|----------|-----|

09/926,517

Examiner

Ahshik Kim

Applicant(s)

KOLBECK, ALEXANDER

Art Unit

2876

✓ Rejected= Allowed

\_ (Through numeral)
Cancelled

+ Restricted

Non-Elected

I Interference

A Appeal
O Objected

| Cla  | aim      |         |  |              |  | Dat          | е               |                 |          |          |                | Cla   | aim      |   |   | [               | ate      | )        |              |                | . 13                   | Cl       | aim        |                 |         | ı              | Dat          | e  |                    |           |          |
|--|----------|---------|--|--------------|--|--------------|-----------------|-----------------|----------|----------|----------------|-------|----------|---|---|-----------------|----------|----------|--------------|----------------|------------------------|----------|------------|-----------------|---------|----------------|--------------|--|--------------------|-----------|----------|
|  | 76       | Ι.,     | T.,  | Π            | Г  |              |                 |                 |          |          | ļ.             |       |          |   |   |                 |          |          |              |                | 13/                    |          | -          |                 |         |                |              |  |                    |           |          |
| Final  | Original | 2/26/04 | 8/26/04  |              |  |              |                 |                 |          |          | 2              | Final | Original |   |   |                 |          |          |              |                |                        | Final    | Original   |                 |         |                |              |  |                    |           | ıl       |
| iĒ   | Ĕ        | 122     | 8/2  | l            |  |              |                 |                 |          |          | 3 3            | iĒ    | ΪĘ       |   |   |                 |          |          |              |                | 1 -1                   | 這        | ij         |                 |         |                |              |  |                    |           |          |
|  |          | Ľ       |  | L            |  | <u> </u>     |                 | Ш               |          |          |                |       |          | ll_                                       |   |                 |          |          |              |                |                        |          |            |                 |         |                |              |  |                    | Ш         |          |
|  | 1        | 1       |  |              |  |              |                 |                 |          |          |                |       | 51       |   |   |                 |          |          |              |                |                        |          | 101        |                 |         |                |              |  |                    |           |          |
|  | 2        | 1       |  |              | L  |              |                 |                 |          |          | * .            |       | 52       |   |   |                 |          |          |              |                | Œ.                     |          | 102        |                 |         |                |              |  |                    |           |          |
|  | 3        | V       |  | L            |  | L            |                 | Ш               | $\perp$  | $\Box$   |                |       | 53       | $\sqcup$                                  | $\perp$   |                 |          |          | 丄            | <u> </u>       | 1.                     | _        | 103        |                 |         |                |              |  | Ш                  | Ш         |          |
|  | 4        | 1       |  |              |  | L            |                 |                 | $\perp$  | _        |                |       | 54       |   |   | Ш               |          |          | _            | <u> </u>       | 1 - 1                  |          | 104        |                 |         | _              | L            | L  | Ш                  | ot        | Ш        |
| <u> </u>   | 5        | 1       |  | ┞-           | ــــــــــــــــــــــــــــــــــــــ           | <u> </u>     | L               | Ш               | 4        | Ц        | 1              |       | 55       | $\sqcup$                                  | <u> </u>  | Ш               |          |          | <u> </u>     | _              |                        |          | 105        |                 |         | _              |              | _  | Ш                  | Ш         | Ш        |
|  | 6        | 1       |  | <u> </u>     | ┺  | <u> </u>     | _               |                 | 4        | _        | 100            |       | 56       | oxdot                                     |   | Ш               | _        |          | 4_           |                |                        |          | 106        | $\sqcup$        | $\perp$ | _              |              |  | Ш                  | لـــ      |          |
|  | 7        | ٧       |  | <u> </u>     |  | _            |                 | $\sqcup$        | _        | _        | i.,            |       | 57       |   | _   |                 |          |          | ╄            | <u> </u>       | : "                    |          | 107        | $\sqcup$        |         | <u> </u>       |              | L_   | $\sqcup$           | _         |          |
|  | 8        | 1       |  | <u> </u>     | ┼  | ┡            | ┡               | $\vdash \vdash$ | _        | _        | Top            |       | 58       | $\vdash$                                  | +   |                 | _        | +        | ╁            | <u> </u>       | 133                    |          | 108        |                 |         |                |              |  | $\sqcup$           |           |          |
| <u> </u>   | 9        | 1       |  | ┞            | ╀  | ⊢            | <u> </u>        |                 |          |          | W 1            |       | 59       | $\vdash$                                  | +   | $\sqcup$        |          | -        | +-           | ļ              |                        |          | 109        |                 | -       | _              | _            | <u>.                                    </u> | -                  |           |          |
| <u> </u>   | 10       | 1       |  | ⊬            | ⊬  | ⊢            | <u> </u>        | $\vdash$        |          | $\dashv$ | : <sup>1</sup> |       | 60       | $\vdash$                                  | -   | $\sqcup$        |          |          | ┼            | ⊢              | 1. 4                   |          | 110        | $\vdash$        | _       | <b> </b>       | <u> </u>     | <u> </u>                                     | $\vdash$           | _         | _        |
|  | 11       | 1       |  | -            | $\vdash$   | <del> </del> | H               |                 | $\dashv$ |          | 1              |       | 61       | ├-├-                                      | +   | $\vdash$        |          | +        | +            | $\vdash$       | i Ø                    |          | 111        |                 | +       | $\vdash$       | -            | ⊢-   | $\vdash \vdash$    | $\dashv$  | $\dashv$ |
|  | 12       | 1       |  | ├            | +-   | ├—           | $\vdash$        | $\vdash \vdash$ |          | $\dashv$ |                |       | 62       | $\vdash\vdash$                            | +   | $\vdash \vdash$ | -        |          | ╄            | $\vdash$       | 131                    |          | 112        | $\vdash \vdash$ | +       | ├              |              | <del>  _ ,</del>                             | $\vdash \vdash$    |           | $\dashv$ |
| -  | 13       | 1       |  | ├            | -  | ├            |                 | $\vdash$        | $\dashv$ | $\dashv$ |                |       | 63       | $\vdash \vdash$                           | +   | $\vdash$        |          | +        | +            | $\vdash$       | 7. a                   |          | 113        | $\vdash$        | +       | $\vdash$       | -            | $\vdash$                                     | $\vdash$           | $\dashv$  | $\dashv$ |
| <del>                                     </del> | 14<br>15 | 1       |  | $\vdash$     | ╂  | ╁            | $\vdash$        | $\vdash$        | -        | $\dashv$ | 1:.            |       | 64<br>65 |   |   | -               | $\dashv$ | $\dashv$ | +-           | $\vdash$       | F 14                   |          | 114<br>115 | $\vdash \vdash$ |         | ┼              | -            | $\vdash$                                     | $\vdash$           | $\dashv$  | $\dashv$ |
|  | 16       | 1       |  | $\vdash$     | $\vdash$   | ┢            |                 | $\vdash$        | -+       | $\dashv$ |                |       | 66       |   | +   | $\vdash$        | +        | +        | +            | <u> </u>       |                        |          | 110        | $\vdash$        | +       | $\vdash$       | H            | $\vdash$                                     |                    |           | $\dashv$ |
| $\vdash\vdash$                                   | 17       | 1       |  | ├            | +  | ⊢            | <del> </del>    | $\dashv$        |          | $\dashv$ |                |       | 67       | +   | +   | $\vdash$        | $\dashv$ | -        | +            | H              | $= \log \tilde{t}_{i}$ |          | 116<br>117 |                 |         | ⊢              | <del> </del> |  | $\vdash$           | $\dashv$  | $\dashv$ |
|  | 18       | 1       |  |              | $\vdash$   |              |                 | $\vdash$        | +        | $\dashv$ |                |       | 68       |   | +   | Н               | $\dashv$ | +        | +            |                |                        |          | 118        | $\vdash$        | +       |                | -            | -  | $\vdash$           | $\dashv$  | $\dashv$ |
|  | 19       | 7       |  | ┢            | ╁  | $\vdash$     | Н               | $\vdash$        | $\dashv$ | ⊣        | 3              |       | 69       | $\vdash$                                  | +   | Н               | $\dashv$ | +        | +-           | -              | in C                   |          | 119        | $\vdash$        | +       | ├—             |              | <del>-</del>                                 | $\vdash$           | $\dashv$  | $\dashv$ |
|  | 20       | _       | ۲  | -            | -  |              |                 | $\vdash$        | $\dashv$ |          | 12.1           |       | 70       |   | +   | $\vdash$        | $\dashv$ | +        | +            | -              | - 31                   |          | 120        | $\vdash$        | +       | ╁              | -            | H  | -+                 | $\dashv$  | $\dashv$ |
| $\vdash$   | 21       |         | +  | ┢            | <u> </u>   | $\vdash$     | Н               | -               | $\dashv$ | ┪        | Ľ.             |       | 71       | -   | +   | $\vdash$        | $\dashv$ |          | ╁            | $\vdash$       |                        |          | 121        |                 | -       | <u> </u>       |              |  | $\vdash$           | $\dashv$  |          |
| $\vdash$   | 22       |         | +  | ┢            | $\vdash$   | $\vdash$     |                 | $\vdash$        | $\dashv$ | $\dashv$ |                |       | 72       |   | +   | Н               | ┰        |          | ╁            | $\vdash$       | 1                      |          | 122        |                 | +       | $\vdash$       |              | $\vdash$                                     | $\vdash$           | $\dashv$  | $\dashv$ |
|  | 23       |         | $\vdash$   | ╁─           | +-   | ┢            | Н               | -               | +        | ╛        |                |       | 73       | <del></del>                               | +   | $\dashv$        | $\dashv$ |          | +            |                | 1.20                   |          | 123        | $\dashv$        | +       | $\vdash$       | $\vdash$     | $\vdash$                                     | $\dashv$           | $\dashv$  | $\dashv$ |
|  | 24       |         | ╁┈   | $\vdash$     | <del>                                     </del> | $\vdash$     | Н               | $\dashv$        | 十        | ᅥ        |                |       | 74       |   | 1   | $\forall$       | $\dashv$ | +        | +            |                |                        |          | 124        | $\vdash$        | +       | -              | ┢            | $\vdash$                                     | $\vdash$           | $\dashv$  | $\dashv$ |
|  | 25       | _       | $\vdash$   |              | T  |              | П               | Ħ               | 寸        | ╡        |                |       | 75       |   | 1   | Ħ               | $\dashv$ | _        | $t^-$        |                | 9                      |          | 125        | $\top$          | +       | <del>  -</del> |              |  | $\vdash$           | 一         | $\dashv$ |
|  | 26       |         | Т  | 1            | T  |              | H               | $\Box$          | 十        | ᆿ        |                |       | 76       |   | †   |                 | $\dashv$ | +        | +            |                | 7                      |          | 126        | $\dashv$        |         | $\vdash$       | $\vdash$     | -  | $\dashv$           | $\dashv$  | $\dashv$ |
|  | 27       |         | 1  | Т            | $\vdash$   | Т            | П               |                 | $\dashv$ | ヿ        | ı              |       | 77       |   |   |                 | 1        | 1        | t            |                | 1.0                    |          | 127        |                 | 1       | <b></b> -      |              | _  | $\neg$             | ᅥ         | ᅥ        |
| П  | 28       |         | Т  |              |  |              | П               |                 | $\neg$   | ╗        | ı              |       | 78       |   | T   | П               | 寸        |          | $\top$       |                | 2                      |          | 128        | _               | $\top$  | $\vdash$       |              |  | 一                  | 寸         | ヿ        |
|  | 29       |         |  |              |  |              | П               |                 |          |          | \$             |       | 79       |   |   |                 |          |          |              |                | 13                     |          | 129        |                 | 1       | <b>†</b>       | $\vdash$     | $\vdash$                                     | $\Box$             | ヿ         | $\neg$   |
|  | 30       |         |  |              |  |              | П               |                 |          |          |                |       | 80       |   |   |                 |          |          | T            |                | Ä.                     |          | 130        |                 | $\top$  |                |              |  | $\Box$             | $\neg$    | ヿ        |
|  | 31       |         |  |              |  |              |                 |                 |          |          |                |       | 81       |   |   |                 |          |          | T            |                | 11                     |          | 131        |                 |         |                |              |  | T                  | $\neg$    | $\neg$   |
|  | 32       |         |  |              |  |              |                 |                 |          |          |                |       | 82       |   |   |                 |          |          |              |                | )                      |          | 132        |                 |         |                |              |  | $\sqcap$           | $\exists$ |          |
|  | 33       |         |  |              | L  |              |                 |                 |          |          |                |       | 83       |   |   |                 |          |          |              |                | ,,                     |          | 133        |                 |         |                |              |  | $\square$          |           |          |
|  | 34       |         | L  |              |  |              |                 |                 | $\perp$  | ╝        |                |       | 84       | $\Box$                                    | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |                 | $\Box$   |          |              | $\Box$         |                        |          | 134        |                 |         |                |              |  |                    |           |          |
| <u> </u>   | 35_      |         | <u> </u>   | <u> </u>     | Щ.   | Щ.           | Ш               | $\perp$         | $\perp$  | _        |                |       | 85       | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$ | $oldsymbol{\perp}$                                |                 |          |          |              | Ш              |                        |          | 135        |                 |         |                |              |  | [                  |           |          |
|  | 36       |         | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u>     | Щ               | $\sqcup$        | _        | _        |                |       | 86       | oxdot                                     | $\perp$   |                 | $\perp$  | $\perp$  | $oxed{oxed}$ | Ш              |                        |          | 136        | $\perp$         |         |                |              |  | $\perp$            |           |          |
|  | 37       |         | _  | <u> </u>     | $\vdash$   | $\square$    | $\sqcup$        | _               | $\dashv$ | _        |                |       | 87       | $\vdash \vdash$                           | $\sqcup$  |                 | _        |          | _            | Щ              | 10                     |          | 137        | $\perp$         | $\perp$ | L              | <u></u>      | Ш  | $oldsymbol{\perp}$ | $\dashv$  | $\perp$  |
|  | 38       |         | ├  | <u> </u>     | <u> </u>   | <u> </u>     | $\sqcup$        | _               | $\dashv$ | _        | 3-             |       | 88       | $\vdash \vdash$                           | $\perp$   |                 |          | $\bot$   | 1            | Ш              | , 1                    |          | 138        | $\perp$         |         | <u> </u>       | L            | Ш  | ᆚ                  | $ \bot $  | $\Box$   |
| $\vdash$   | 39       |         | <u> </u>   | <u> </u>     | <u> </u>   | _            | $\sqcup$        | _               | 4        | 4        |                |       | 89       |   | +   |                 | _        | $\perp$  | $\vdash$     | Ш              |                        |          | 139        |                 |         | <u> </u>       | _            |  | _                  | _         | _        |
|  | 40       |         | ⊢  | <u> </u>     | <b>.</b>   | _            | $\sqcup$        | $\dashv$        | $\dashv$ | 4        |                |       | 90       | <del>    -</del>                          | +   | $\sqcup$        | $\dashv$ | -        | ┞-           | $\vdash$       |                        |          | 140        |                 | 4       | Ь.             |              | Ш  |                    |           | _        |
|  | 41       |         | ├  |              | $\vdash$   | _            |                 | _               | $\dashv$ | 4        |                |       | 91       |   | +   |                 | _        | +        | 1            | Ľ              | -                      |          | 141        | $\perp$         | -       | <b> </b>       |              | Ш  | $\dashv$           | _         | _        |
|  | 42       |         | $\vdash$   | <u></u> -    | <u> </u>   | <u> </u>     | $\vdash \vdash$ | $\dashv$        | $\dashv$ | $\dashv$ |                |       | 92       | -   | +   | $\vdash$        | $\dashv$ | $\dashv$ |              | Щ              |                        |          | 142        | $\perp$         | -       | Н.             |              | Ш  |                    | $\dashv$  | $\dashv$ |
|  | 43       |         | ⊢  |              | <u> </u>   | <u> </u>     | $\vdash$        | -               | +        | 4        | .              |       | 93       | -   | +   | $\dashv$        | $\dashv$ | -        |              | $\vdash$       | -                      |          | 143        | -               | +       | Н              | Щ            | Н  | _                  | -         | 4        |
|  | 44<br>45 | _       | -  | $\vdash$     | -  |              | ├─┤             | -+              | +        | $\dashv$ |                |       | 94<br>95 | $\vdash\vdash$                            | +   |                 |          | +        | ┼            | $\vdash\vdash$ | 1                      | $\dashv$ | 144        | $\dashv$        | -       | $\vdash$       | Н            | -  | $\dashv$           | $\dashv$  | $\dashv$ |
|  |          |         | ╁  | <u> </u>     | $\vdash$   | $\vdash$     | $\vdash \vdash$ | $\dashv$        | $\dashv$ | $\dashv$ |                |       |          |   | +   | $\dashv$        | $\dashv$ | +        | +            | Н              | - }                    |          | 145        | $\dashv$        | -       | $\vdash$       | Н            | $\vdash \vdash$                              | $\dashv$           | -         | $\dashv$ |
|  | 46<br>47 |         |  | <u> </u>     | $\vdash$   | H            | ┝╌┤             | -               | -+       | 4        | }              |       | 96<br>97 |   | +   | $\dashv$        | -        | +        | ┼            | Н              | }                      |          | 146        |                 | +       | $\vdash$       | Щ            | $\vdash$                                     | $\dashv$           |           | ᅴ        |
|  | 48       |         | <del>                                     </del> | <u> </u>     | $\vdash$   | -            | $\vdash$        | +               | $\dashv$ | -        | ŀ              |       | 98       | $\vdash$                                  | +   | -               |          | $\dashv$ | $\vdash$     | $\vdash$       | - }                    |          | 147<br>148 | $\dashv$        | +       | $\vdash$       | $\vdash$     | $\vdash$                                     | $\dashv$           | $\dashv$  | $\dashv$ |
|  | 49       | _       | -  | -            | $\vdash$   | $\vdash$     | $\vdash$        | $\dashv$        | $\dashv$ | $\dashv$ | ŀ              |       | 99       |   | +   | $\dashv$        | +        | -        | ╂            | Н              | ŀ                      |          | 149        | +               | -       | $\vdash$       | $\vdash$     | $\vdash$                                     | $\dashv$           | $\dashv$  | $\dashv$ |
| ┝─┤  | 50       |         | $\vdash$   | <del> </del> | $\vdash$   | $\vdash$     | H               | $\dashv$        | +        | $\dashv$ | -              |       | 100      | $\vdash$                                  | +   | $\dashv$        | $\dashv$ |          | ┼            | H              | - 1                    |          | 150        |                 | +       | $\vdash$       | $\vdash$     | $\vdash$                                     | $\dashv$           | $\dashv$  | $\dashv$ |
| للسبا  | 50       |         |  | Ц            | ┖  | L            | oxdot           | L               |          |          | L              |       | 100      |   |   |                 |          |          | <u> </u>     |                | L                      |          | 130        | L               |         | L              |              | Ш  |                    | 1         |          |